

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Babin et al.	
Application No.: 10/786,017	Examiner: Ewald, Maria Veronica
Filed: February 26, 2004	Group Art Unit: 1722
For: <b>Hot Runner Manifold Plug for Rheological Balance in Hot Runner Injection Molding</b>	Attorney Docket No.: MMID 2001

**FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. § 1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of C.F.R. § 1.56, there is hereby provided certain information, which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the application.

In accordance with 37 C.F.R. 1.98(a)(2)(ii), copies of U.S. patent and patent application publications are not provided. In accordance with 37 C.F.R. 1.98(a)(2) and (a)(3), a copy of each publication and foreign patent document is provided. Accordingly, accompanying this Information Disclosure Statement is a copy of each of cited references FP13 and FP14. A concise explanation of the relevance non-English language documents FP13 and FP14 is provided in the English language abstracts attached thereto.

No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than a search report of a foreign counterpart application or PCT International Search Report submitted herewith). 37 C.F.R. §§1.97(g) and (h).

This Fifth Supplemental Information Disclosure Statement is filed under 37 C.F.R. §1.97(c) before the mailing of a final action, a notice of allowance, or an action that otherwise closes prosecution. The fee set forth in 37 CFR 1.17(p) accompanies this submission.

Respectfully submitted,

MEDLER FERRO PLLC

A handwritten signature in black ink, appearing to read 'A. L. Ferro', with a long horizontal flourish extending to the right.

Date: May 17, 2007

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Enclosures

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;"><b>Application Number</b></td> <td>10/786,017</td> </tr> <tr> <td><b>Filing Date</b></td> <td>February 26, 2004</td> </tr> <tr> <td><b>First Named Inventor</b></td> <td>Babin, Denis</td> </tr> <tr> <td><b>Art Unit</b></td> <td>1722</td> </tr> <tr> <td><b>Examiner Name</b></td> <td>Ewald, Maria Veronica</td> </tr> </table>		<b>Application Number</b>	10/786,017	<b>Filing Date</b>	February 26, 2004	<b>First Named Inventor</b>	Babin, Denis	<b>Art Unit</b>	1722	<b>Examiner Name</b>	Ewald, Maria Veronica
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<b>Examiner Name</b>	Ewald, Maria Veronica														
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US PATENT DOCUMENTS					
Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Filing Date If Appropriate
	US36	US-2005-0238758A1	10/27/2005	Ciccone et al.	
	US37	US-4292018	09/29/1981	Beale	
	US38	US-4443178	04/17/1984	Fujita	
	US39	US-6450798B1	09/17/2002	Choi et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
	FP13	JP-10-006363 A	01/13/1998	Atsushi	
	FP14	JP-2-178012	07/11/1990	Kazutoshi	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

**EXAMINER**

**DATE CONSIDERED**